

FUCHS, Vladimir; JIRA, Jindrich; BOZDECH, Vaclav; JIROVEC, Otto, prof. dr.

The importance and the interpretation of diagnostic tests for  
toxoplasmosis in obstetrics. Acta parasit. Pol. 11 no.5/13:  
85-104 '63

1. Parasitological Department, Faculty of Natural Sciences,  
Charles University, Prague. Head. Prof. Dr. Otto Jirovec.

\*

FUCHS, V.; HOUDEK, J.; PETER, R.; SCHOLZOVA, D.

Suspension of the vaginal stump on ~~lengthened~~ round ligaments.  
Cesk. gynek. 29 no. 5233-335 Je'64

1. Gyn.-por. klinika fakulty detskeho lek. KU [Karlov University] v Praze; prednostaz prof. dr. R. Peter, DrSc.

PETER, R.; FUCHS, V.; HOUDEK, J.; SCHOLZOVA, D.

Treatment of urinary incontinence with a transverse urethral roll. Cesk. gynek. 29 no. 5:370-371 Je'64

FUCHS, W. - Paliva - Vol. 35, no. 2, Feb. 1955.

Important practical problems of coal research. p. 59.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.

FUCHS, Zbigniew (Warszawa)

Consumption of gypsum, a serious problem. Przegl budowl i  
bud mieszk 35 no.10r540-541 0'63.

FUCHS, Zdzislaw

Interpretation of provisions of Art. 46 para. 2 of the Statute  
on Universal Retirement Pensions for Employees. Praca zabezp  
spol 4 no.12:25-27 D '62.

FUCHS, Zdzislaw

For better proceedings in cases of extraordinary pensions.  
Praca zaborcza spol 7 no.1:14-16 Ja '65.

1. Social Security Bureau, Warsaw Office.

FUCHS, Zdzislaw

For more selective collections of pension files. Praca zabezp  
spol 7 no.4:20 Ap '65.

1. Warsaw Office of the Social Security Bureau.

FUCHSBERGER, R. CZECHOSLOVAKIA/Human and Animal Physiology - Blood. General Problem.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12583

Author : Fuchsberger, R.

Inst : Institute of Hygiene and Epidemiology

Title : Blood Test for Pseudo-Agglutination

Orig Pub : Lekar. obzor, 1957, 6, No 2, 109-115

Abstract : The Bolen test for pseudo-agglutination is described: 3 - 4 drops of blood were placed on a clean slide at an angle of 30 degrees, and classification was made according to the clumps which were formed. I - III degrees, negative; agglutinates were in the form of a network with openings of various sizes. III - V degrees positive; individual aggregates were observed which were not connected to each other. This was observed in inflammatory diseases, neoplasms, and states accompanied by tissue breakdown.

Card 1/1

BENDA, R.; DANES, L.; FUCHSOVA, M.

The effect of Cortisone on the course of tick-borne encephalitis infection in cynomologus monkeys. Acta virol. 4 no.3:160-164 My '60.

1. J.M.Purkyne Military Institute of Medical research and Post-graduate Training, Chair of Epidemiology, Hradec Kralove, and the Central Military Hospital, Department of Pathology and Anatomy, Prague.

(ENCEPHALITIS, EPIDEMIC, experimental)  
(CORTISONE, pharmacology)

BENDA, Rudolf; DANES, Ludek; FUCHSOVA, Mirja

Sensitivity of monkeys Mac. cynomolgus and Mac rhesus to tick  
encephalitis virus. Cesk.epidem.mikrob.imun. 9 no.1:1-11 Ja '60.

1. Katedra epidemiologie Vojenskeho lekarskeho vyzkumneho a dos-  
kolovaciho ustavu J. Ev. Purkyne. Patologickoanatomicke oddeleni  
Ustredni vojenske nemocnice v Praze.  
(ENCEPHALITIS EPIDEMIC exper.)

FUCHSOVA, Mirja; SOUREK, Karel; VORREITH, Milos

Bioptic diagnosis of glioma. Cesk.neur.23 no.6:379-384 0'60.

1. Patologickoanatomicke oddeleni Ustredni vojenske nemocnice,  
nacelnik pplk. MUDr. M. Vorreith. Neurochirurgicka klinika  
Karlov university, prednosta gen.prof. MUDr. Z.Kunc.  
(GLIOMA diagn)

FUCHSOVA, Mirja; KODICEK, Arnold

Metastatic struma ovarii. Cas.lek.cesk. 99 no.14:426-429 1 Ap '60.

1. Patologickoanatomicke oddeleni, nacelnik podplukovnik MUDr. Milos Vorreith a porodnickogynekologicke oddeleni, nacelnik plukovnik MUDr. Arnold Kodicek - Ustredni vojenska nemocnice.  
(TERATOID TUMOR case reports)  
(OVARY neopl.)

VORREITH, Milos; FUCHSOVA, Mirja

New data on classification of tumors of the CNS. Cesk. neur. 24 no.5:  
344-350 S '61.

1. Patologicko anatomicke oddeleni Ustredni vojenske nemocnice,  
nacelnik podplukovnik MUDr. Milos Vorreith.

(CENTRAL NERVOUS SYSTEM neoplasms)  
(NOMENCLATURE)

BENDA, R.; FUCHSOVA, M.; DANES, L.

Experimental air-borne infection of monkeys with tick-borne encephalitis. Acta virol. (Praha) [Eng] 6 no.1:46-52 Ja '62.

1. Chair of Epidemiology, J. E. Purkyne Military Medical Research and Post-Graduate Institute, Praha, and Department of Morbid Anatomy, Central Military Hospital, Praha.

(ENCEPHALITIS EPIDEMIC exper)

METELKA, M.; SKALA, E.; FUCHSOVA, M.

Pasting of severing peripheral nerves with plasma coagulum. Rozhl.  
chir. 41 no.12;802-809 D '62.

1. Neurochirurgicka klinika fak. vseob. lek. University Karlovy v  
Praze, prednosta prof. dr. Z. Kunc Transfuzni oddeleni UVN v Praze,  
prednosta MUDr. E. Skala Patologickanatomicke oddeleni UVN v Praze,  
prednosta MUDr. M. Vorreith.

(PERIPHERAL NERVE DISEASES) (PLASMA)

VÖLKLICH, A., MD, Candidate of Sciences, FUCHS, M., MD, I.,  
SOURK, Z., MD, O., Department of Pathological Anatomy (Patologicko-  
anatomické oddělení), UVN (Ústřední vojenská nemocnice; Central Mi-  
litary Hospital), Prague, M. VÖLKLICH, MD, commander; and Clinic of  
Neurosurgery (Neurochirurgická klinika), Faculty of General Medicine  
(fakulta všeobecného lékařství), Charles University, Prague, prof. dr  
Z. KOMČ, Dr of Sciences, director [except for M. VÖLKLICH, affiliations  
cannot be determined].

"Evaluation of the biological Characteristics and the Prognosis of  
Gliomas."

Prague, Ceskoslovenska Neurologie, Vol XXVI(LIX), No 5, September 1963,  
pp 311-316.

**Abstract [Authors' English summary]:** Tables and graphs are presented to  
show the survival period in cases of glioma and medulloblastoma. Tumors  
are classified according to previously published criterie. Individual  
types of glioma have a characteristic degree of malignancy, and despite  
difficulties it is possible to assess the prognosis with a fair degree of  
reliability. It is felt that the longer average survival period in  
malignant brain tumors is due in the first place to the improved  
surgical technique. Four Czech references.

CZECHOSLOVAKIA

SERY, V; JEZEK, Z; SVANDOVA E; FUCHSOVA, M; GALLIOVA, J; CHYTROVA, K.

1. Institute of Epidemiology and Microbiology (Ustav epidemiologie a mikrobiologie), Prague; 2. Tuberculosis Ward OUNZ (Tuberkulozni oddeleni OUNZ), ~~in~~ Litomerici;
3. Research Institute of Tuberculosis (Vyzkumny ustav tuberkulozy), Prague (for all)

Prague, ~~Revue~~ Rozhledy v tuberkulose, no 5, 1963, pp 324-332

"The Utilization of the Tuberculosis Test for Studies on the Incidence of *Mycobacterium bovis*."

SERY, V.; JEZEK, Z.; SVANDOVA, E.; FUCHSOVA, M.; HEBELKA, M.

Use of tuberculin tests in the study of *Mycobacterium bovis*.  
II. Analysis of allergy to tuberculin in children and adolescents  
in relation to *Mycobacterium bovis* infection. *Cesk. epidem.* 12  
no.5:262-267 S '63.

1. Ustav epidemiologie a mikrobiologie v Praze - Tuberkulozni  
oddeleni OUNZ v Litomericich.

(TUBERCULIN REACTION) (TUBERCULOSIS, BOVINE)  
(TUBERCULOSIS IN CHILDHOOD) (MYCOBACTERIUM BOVIS)

VORREITH, M.; FUCHSOVA, M.; FRYC, O.

Tumors of the central nervous system in infants and  
children. Cesk pediat 18 no. 3:193-199 '63.

1. Patologickoanatomicke oddeleni UVN v Praze vedouci  
MUDr. M. Vorreith, CSc.  
(BRAIN NEOPLASMS)

DANES, L.; BENDA, R.; FUCHSOVA, M.

Experimental inhalation infection of monkeys of the Macacus cynomolgus and Macacus rhesus species with the virus of lymphocytic choriomeningitis (WE). Bratisl. lek. listy 43 no.2:71-79 '63.

1. Vojensky ustav hygieny, epidemiologie a mikrobiologie, Praha, Oddeleme patologické anatomie Ustredni vojenske nemocnice, Praha.

(LYMPHOCYTIC CHORIOMENINGITIS)

(LYMPHATIC SYSTEM) (PULMONARY EDEMA)

(TRACHEITIS) (BRONCHITIS)

VORREITH, M.; FUCHSOVA, M.; SOUREK, K.; FUSEK, I.; FRYC, O.

Central nervous system tumors in young men. Cas. lek. cesk. 102  
no. 44:1202-1206 1 N '63.

1. Patologickoanatomicke oddeleni UVN v Praze, (nacelnik MUDr.  
M. Vorreith, CSc.); Neurochirurgicka klinika fakulty vseobecneho  
lekarstvi KU v Praze a Ustredni vojenska nemocnice, (prednosta  
prof. dr. Z. Kunc, DrSc.)

BENDA, R.; DANES, L.; FUCHSOVA, M.

Experimental inhalation infection of guinea-pigs with the virus  
of lymphocytic choriomeningitis. J. hyg. epidem., Praha 8 no.1:  
87-99 '64.

1. Military Institute of Hygiene, Epidemiology and Microbiology,  
Prague, and Department of Morbid Anatomy, Central  
Military Hospital, Prague.

\*

VORREITH, M.; FUCHSOVA, M.; DEMCIK, K.; FUSEK, I.

Spinal cord tumors and tumors causing spinal cord compression.  
Cesk. neurol. 27 no.6:372-378 N '64.

1. Patologickoanatomicke oddeleni UNV v Praze, (vedouci doc.  
dr. M. Vorreith CSc.) Neurochirurgicka klinika fakulty všeobecného  
lékarství Karlovy University v Praze (prednosta prof. dr. Z. Kuna,  
CSc.).

LISKOVA, M.; FUCHSOVA, M.

Cystosarcoma phyllodes. Rozhl. chir. 44 no.1 45-50 Ja '65

1. Oddeleni pro chirurgii hrudni a trusni (vedouci: doc. dr. B. Placak) a patologickoanatomické oddeleni (vedouci: MUDr. M. Vorreith) UVN v Praze.

FUCIK, Jan; JANU, Petr.

Data on the use of organic phosphorus insecticides in a hop growing region and public health provisions during the years 1960-1962. Prac. lek. 16 no.1:116-121 Ja'64

1. Interni oddeleni nemocnice v Rakovniku; (vedouci : MUDr. J. Lhunhal) a Okresni hygienicko-epidemiologicke stanice v Rakovniku (veduci :MUDr. V. Madle).

FUCIK, Jan, MUDr.

Kidney damage from organic phosphates. Vnitrii lek. 11 no.7:  
668-672 Jl '65.

1. Vnitrii oddeleni nemocnice Obvodniho ustavu narodniho zdravi  
v Rakovniku (prednosti MUDr. J. Humhal).

FUCIK, Jos, MUDr; MAGROVA, Jar., MUDr

Injurious effect of digitalis on the normal heart in electro-  
cardiographic picture. Cas. lek. cask. 93 no.43:1198-1199  
22 Oct 54.

1. Za st. okr. nemocnice v Chomutovce.  
(DIGITALIS, injurious effects,  
ECG)  
(ELECTROCARDIOGRAPHY, in various diseases,  
digitalis pois.)

FUCIK, Josef, inz.; KAVKA, Bohumil, doc. dr.

Activities of the Research Institute of Ornamental  
Gardening in Pruhonice. Vest ust zemedel 12 no.1:  
41-46 '65.

1. Administration of the Scientific Research of the Ministry  
of Agriculture, Forestry and Water Resources, Prague (for  
Fucik). 2. Director of the Research Institute of Ornamental  
Gardening, Pruhonice (for Kavka).

10

CA

Bis-4-hydroxycoumarin esters. Jan Rosický, U.S. 2,482,810-11, Sept. 20, 1949. Jan Rosický and Karel Vucík, U.S. 2,482,812 (all to Spojené farmaceutické závody, národní podnik). 4-Hydroxycoumarin (I) 7 g. in boiling  $H_2O$  780 ml. treated with  $OHCCO_2Et$  7 g. gave 3,3'-carbonylmethylenebis(4-hydroxycoumarin) (II) as white crystals, m. 172-4° and, after recrystn. from  $MeOH$ , 163-4°. The addn. complex  $EtOH-OHCCO_2Et$  also condenses with I. Reducing 3,2'-(carbonylmethylene)bis(4-hydroxycoumarin) (III) with aq.  $HCl$  8 hrs.

gave 90% II. Other esters of III prepd. were:  $Me$ , m. 212-3°;  $Pr$ , m. 139-41°;  $Bu$ , m. 155°. These materials serve as anticoagulants of short duration by reducing the prothrombin level of the blood. R. E. Kent

CA

Simple device for paper chromatography. K. Putik and Z. Prochazka. *Chem. Listy* 44, 168(1960).—An Erlenmeyer flask and a test tube are used for paper chromatography. The strip of paper hangs from the stopper. One phase is placed in the vessel, the other soaked in adsorbent cotton or filter paper and fastened to the stopper.  
M. Hudlicky

UN ~~FUCHIK~~, R. FUCIK, K.

Anticoagulant substances. VIII. Nitrogen analogs of dicumarol and pentox. K. Pučík, Z. Procházká, V. Mach, and J. Štrel (United Pharm. Works, Prague, Czech.). *Chem. Listy* 45, 21-4 (1951); *cf. C.A.* 45, 6664c; 9726c. — *Cl<sub>2</sub>C<sub>6</sub>H<sub>4</sub>* (with 4-hydroxycarboxylic (I) give 3,3'-methylenebis-(4-hydroxycarboxylic (II). I and OHCC<sub>2</sub>H (IV) give bis(4-hydroxy-3-carboxyyl)acetic acid (III). IV and 2,6-dihydroxy-4-hydroxypyridine (V) yield 3,3'-methylenebis(3,4-dihydroxy-4-hydroxypyridine) (VI). Prepn. of II: 24 g. I in 700 ml. boiling HCl dill. 2:3 was filtered with Norit and the filtrate treated with 100 ml. 38% soln. of Cl<sub>2</sub>C<sub>6</sub>H<sub>4</sub>; the yellowish product (21.6 g.), crydst. from PhCH<sub>2</sub>OH, does not melt below 400°. The condensation may be carried out in PhCH<sub>2</sub>OH, EtOH, or AcOH with Cl<sub>2</sub>C<sub>6</sub>H<sub>4</sub> or paraformaldehyde. I (17 g.) in 255 ml. boiling HCl dill. 2:3 was treated with 40 ml. 11% aq. soln. of IV and boiled 7 hrs., giving 15 g. of a reddish product, m. above 400°; pyridine salt, decomp. above 400° (from C<sub>6</sub>H<sub>5</sub>N). III refluxed with excess alc. soln. with HCl gave Me, Et, and Pr esters, m. above 400°. III and C<sub>6</sub>H<sub>5</sub>N in Et<sub>2</sub>O gave a compd. m. 240° (from Me<sub>2</sub>CO), contg. 3 MeO groups. V (4 g.) in 400 ml. dill. HCl boiled 1 hr. with 25 ml. 38% Cl<sub>2</sub>C<sub>6</sub>H<sub>4</sub> gave VI.

M. Hudlický

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asphydization of I either with  $\text{SOCl}_2$  or  $\text{Ac}_2\text{O}$ . I with  $\text{Ac}_2\text{O}$  in a  $\text{C}_6\text{H}_5\text{N}$  at room temp. gave 1,1-bis(4-acetoxy-3-coumarinyl)-3-acetoxypropane (IV), m. 188° (from  $\text{EtOH}$ ). A homolog of IV, m. 177° (from  $\text{EtOH}$ ), was obtained when  $(\text{EtCO})_2\text{O}$  was used instead of  $\text{Ac}_2\text{O}$ . IV was transformed to III, m. 200°, and to the *enol acetate* (V) of III, m. 208° (from pyridine), by boiling with dil.  $\text{AcOH}$ . V was also obtained from IV by heating in acetone at 180-190° and gave III with



**Anticoagulants.** XII. Synthetic proof of the constitution of 3-[coumarin-(3',4',3',2')-5'-methyl-4'-furyl]-4-hydroxycoumarin. Karel Puchl and Ludvík Labík (Pharm. Biochem. Research Inst., Prague, Czech.). *Chem. Listy* 45, 490-9 (1951); *cf.* *ibid.* 45, 434, 438; *C.A.* 45, 10244A. Synthetically prep'd. 1,1-bis(4-hydroxy-3-coumarinyl)-3-propanone (I) treated with  $\text{CH}_3\text{N}_2$  gave the *di-Me ether*, m. 144° (from  $\text{EtOH}$  or 70%  $\text{AcOH}$ ). I refluxed with  $\text{HgSO}_4$  in  $\text{AcOH}$  yielded 77.8% 3-[coumarin-(3',4',3',2')-5'-methyl-4'-furyl]-4-hydroxycoumarin (II), m. 205° [ $\text{Et}_2\text{NH}$  soln, m. 226-7° (from  $\text{EtOH}$ )], also obtained m. 300° by refluxing I with  $\text{SOCl}_2$ . II with  $\text{Ac}_2\text{O}$  gave the *4-acetate*, m. 252° (from  $\text{Me}_2\text{CO}$ ), also obtained by refluxing I with  $\text{Ac}_2\text{O}$ . 4-(Cyclohexanone-3',4',3',2',3',4',5',6')-8-pyan (III), m. 215° (from cyclohexanone), was isolated as a by-product in the

cold  $\text{HgSO}_4$ . The *enol propionate* of III, m. 247-8° (from  $\text{C}_6\text{H}_5\text{N}$ ), was obtained analogously from the propional analog of IV. The *enone* of III, m. 251° (from dil.  $\text{C}_6\text{H}_5\text{N}$ ) was prep'd. from III or from the di-Me deriv. of I by refluxing with  $\text{NH}_4\text{OH} \cdot \text{HCl}$  in  $\text{C}_6\text{H}_5\text{N}$ . Prepn. of I: 4-Hydroxycoumarin (3.8 g.) dissolved in 640 ml. boiling water and boiled 30 min. with 3.6 g.  $\text{AcCH}_2\text{NOH}$  in 36 ml.  $\text{H}_2\text{O}$  deposited 4 g. I in crystals, m. 240° (from  $\text{AcOH}$ );  $\text{Et}_2\text{NH}$  soln, m. 194° (from  $\text{EtOH}$ ). XIII. Synthesis of 1,1-bis(4-hydroxy-3-coumarinyl)-2-propanone. K. Puchl and St. Kofrášek. *ibid.* 51(3)-4.—1,1-Bis(4-hydroxy-3-coumarinyl)-2-propanone was synthesized by treating the salts of 4-hydroxycoumarin (I) with  $\text{CH}_3\text{CH}_2\text{Ac}$  (II) under various conditions and subjecting the reaction mixt. to paper chromatography. The best yields were obtained by refluxing the K salt of I in water with II. The reaction required prolonged heating or a higher temp., when carried out in  $\text{EtOH}$ . M. Hudlický

FUCIK, K.; KORISTEK, S.; JANCIK, F.; KAKAC, B.

Ant.coagulants. Part 15. Substitution of free hydrogen of the 4-hydroxy-coumarin and its derivatives [in German with summary in Russian]. Sbor. Chekh.khim.rab. 18 no.5:694-709 0 '53. (MLRA 7:6)

1. Nauchno-issledovatel'skiy institut farmatsii i biokhimii, Praga.  
(Coumarin) (Hydroxy compounds)

FUCIK, R.

*Adsorption and partition chromatography of lobeline, lobelizine, and lobelankine on filter paper. K. Hudec and R. Tkalčík (Farm. blockem, výzkumný ústav, Praha, Czech). Čes. Látky 4, 1927-9; 1933.*—For adsorption chromatography (A), the filter paper was prehd. with  $\text{Al}(\text{OH})_3$  activated with  $\text{Ca}^{++}$  and  $\text{CaCO}_3$  with 5%  $\text{MeOH}$  was used as mobile phase. For partition chromatography (B) the stationary phase was  $\text{fCONH}_2$ , the mobile phase  $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_3$  (1:1). For the detection, *El bit* (2-Mercapto-2,4-dioxo-3-oximeasylacetate and Brattendorff's reagent in A and B methods, resp., were used.  $R_f$  values in A and B methods were for lobeline, 0.78, 0.43; for lobelizine, 0.83, 0.77; and for lobelankine, 0.28 and 0.22. M. Hudlický

*ABEL, FUDIK*  
*FUDIK, Karel*

✓ Concentration of penicillin. Karel Fudik. Czech. 83,297, Mar. 18, 1958. Penicillin is isolated from exts. of nutritive media by pptn. with alkylamines, cyclic amines, or alkaloid bases. The medium sepd. from the fungus by filtration is acidified with 10% H<sub>3</sub>PO<sub>4</sub> to pH 2.2, cooled to 2°, and extd. with Et<sub>2</sub>O. The ext. is dried and pptd. with an Et<sub>2</sub>O soln. of Et<sub>4</sub>NH. The ppt. is collected by filtration and dried *in vacuo*. L. J. Urbánek

FUCÍK, Karel

Fleik, Karol

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CIA-RDP86-00513R000513820016-5"

FUCIK KAREL

✓  
Coumarin derivatives. Jan Rosicky and Karel Fučík, Czech. 84,516, July 1, 1956. By condensing benzotetronic acid (I) with alcoholates of aliphatic esters of  $\text{OHCCO}_2\text{H}$  (II) products showing anticoagulant activity are obtained. I (7 g.) in 760 ml. boiling water treated with 10.5 g.  $\text{EtOCH}(\text{OH})\text{CO}_2\text{Et}$ , the white ppt. intermediate product, m. 172-4° filtered off, extd. with  $\text{NaHCO}_3$  soln., the ext. treated with C. pptd. with HCl, and the ppt. recrystd. from MeOH yields the tautomeric form of the Et ester of bis(4-hydroxycoumarin-3-yl)acetic acid, m. 153-4°. Czech. 84,517. Condensation of benzotetronic acid (I) with aliphatic esters of  $\text{OHCCO}_2\text{H}$  (II) gives compds. with anticoagulant activity. I (7 g.) in 760 ml. boiling water treated with 7 g.  $\text{OHCCO}_2\text{R}$  produces a white ppt. of the Et ester, m. 153-4° (from MeOH), of bis(4-hydroxycoumarin-3-yl)acetic acid (III). Similarly, from 6.48 g. I and  $\text{OHCCO}_2\text{R}$  are obtained the following R esters of III (R, wt. (g.)  $\text{OHCCO}_2\text{R}$  used, and m.p. of product given): Me, 2, 203°; Pr, 2.6, 143-4°; iso-Pr, 2.6, 201°; Bu, 2.9, 154-5°; iso-Bu, 2.9, 174°. Allyl ester of III, from 32.4 g. I with 11.5  $\text{OHC-COCH}_2\text{CH}_2\text{CH}_2\text{CH}_3$ , m. 132°. Cf. Czech. 84,515 (C.A. 50, 7146e).  
L. J. Uthman

FUCIK KAREL

3

CH ✓ Alkylmercaptoacetals. Karel Fucik and Jaroslav Šarhan,  
Czech. 84,597, Sept. 1, 1955. (RO)CHCH<sub>2</sub>SR are prepd.  
in 90-5% yields by treating (RO)C<sub>2</sub>H<sub>5</sub>CH<sub>2</sub>X (X = halogen  
with R<sub>2</sub>Sn<sub>2</sub>, preferably in alc. soln. at 93-100°. (BtO)<sub>2</sub>  
CHCH<sub>2</sub>SH, b. 191°.  
L. J. Urbánek

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✓ *Levy*

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~~Anhydron 3,3'-bif(4-hydroxyacetoxyisopropylidene)~~ Karel 2

3

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Fucík, Karel

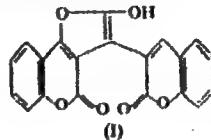
Biologically active coumarin derivatives. Karel Fucík, Czech. 84,849, Oct. 2, 1968. See Austrian 172,098 (C.A. 1969, 11259a). Czech. 84,852. Condensation of 4-hydroxycoumarin (I) with asym. dihaloacetones yields compds. showing anticoagulant activity. A suspension of 6.43 g. I in water neutralized with KOH, and refluxed 5 hrs. with an equiv. amt. of Cl<sub>2</sub>CHAc or Br<sub>2</sub>CHAc yielded 6.31 g. crystal 1-bis(4-hydroxy-3-coumarinyl)acetone, m. 246°. Cf: C.A. 68, 7011. L. J. Urbánk

Fučík, Karel

✓Substituted ketones. Karel Fučík and Stanislav Koříšek. Czech. 84,851, Oct. 19, 1957. Treating 4-hydroxy-coumarin or its derivs. with  $\text{SO}_2\text{Cl}$  or  $\text{Cl}$  gives derivs. of 2,4-dioxochroman which yield on hydrolysis ketones showing pharmacol. activity. 3,3-Dichloro-2,4-dioxochroman, prep'd. by treating 4-hydroxycoumarin with  $\text{SO}_2\text{Cl}$ , was stirred with water to yield  $\text{p-HOC}_2\text{H}_2\text{COCHCl}_2$ , b.p. 145°. Prep'd. similarly were:  $\text{p-HOC}_2\text{H}_2\text{COCHCl}_2$ , b.p. 116°;  $\text{p-HOC}_2\text{H}_2\text{COCHClPh}$ , m. 61°, b.p. 109°;  $\text{CH}_2(\text{CHCl-COC}_2\text{H}_2\text{OH}-\text{O})_2$ , m. 132°. L. J. Urbánek

Fučík, Karel

*✓ Coumarin derivative. Karel Fučík and Zelimir Procházká. Czech. 85,251, Dec. 11, 1966. Treatment of bis(4-hydroxy-3-coumarinyl)acetic acid with dehydrating agents (e.g.  $\text{POCl}_3$  or  $\text{SOCl}_2$ ) preferably in  $\text{CCl}_4$  yields a chloroketone which on cleavage of  $\text{HCl}$  gives I.*



L. J. Urbánek

2

chem  
M. J. Urbánek

FUCIK, KAREL

*3*  
✓ Esters of bis(4-hydroxycoumarin-3-yl)acetic acid. Karel  
Fucik and Zelimir Prochazka, Czech. 85,301, Dec. 1,  
1980. Treatment of the anhydridization product of bis(4-  
hydroxycoumarin-3-yl)acetic acid (cf. Czech. 85,251) with  
— compds. contg. 1 or more HOO groups yields esters which are  
anti coagulants for blood (ester radical and m.p.): *Me*, 203-  
6°; *Et*, 176°; *Pr*, 143-4°; *Bu*, 151-5°; *n-hexyl*, 121-2°;  
*n-heptyl*, 124-8°; *n-octyl*, 108-9°; *ethylene*, 122-7°; *propyl*  
*ene*, 183°; *benzyl*, 186-0°;  $C(CH_3)_2CH_3$ , m. 194°.  
L. J. Urbanek

*2*  
*clear*

*PM*

FUCIK, Karel; UHLIROVA, Helena

Control of purity of 1-methyl-4-phenylisonipecotic acid ethyl ester hydrochloride with the aid of paper partition chromatography.  
Cesk. farm. 4 no.1:8-9 Jan 55

1. Z Vyzkumneho ustavu pro farmacii a biochemii, Praha.

(PIPERIDINUM, determination

1-methyl-4-phenylisonipecotic acid ethyl ester HCl,  
chromatographic control of purity)

(CHROMATOGRAPHY,

of 1-methyl-4-phenylisonipecotic acid ethyl ester HCl  
control of purity)

Chemical characterization of the main metabolic product  
of the anticoagulant drug Warfarin in humans  
Pulik, L. M. Hsu, R. L. and L. S. Lai  
Charles Research Inc. Inc.  
and References 4, 1981

5

Entitled and  
Approved and

FUCIK, Von K.

Czechoslovakia

" Beitrag zur Kontrolle der Reinheit des N-Methyl-4-phenylpiperidin-4-carbon-saureathylesterhydrochlorids (Dolantin) mit Hilfe der Papierchromatographie, " by  
Von K. FUCIK und H. UHLIROVA, Ceskoslov. Farmac. 4,8 (1955).

SOURCE: Pharmazeutische Zentralhalle (fur Deutschland), May 1956, Unclassified.

Fuerth, K.

12

**2-Coumaric derivatives with anticoagulant activity.** Karel Fučík and Milada Hrdlický, Czech 55,553, Apr. 15, 1971. A suspension of 31.0 g. 2-(4-allyl-3-hydroxy-5-methyl-2-coumarinyl)-3-allyl-4-hydroxy-3-coumarin-3-oxo-2-oxetane in dry  $\text{H}_2\text{O}_2$  is heated to 60°C. and allowed to stand on a wire at room temp. to give an acetoxy-2-oxetane derivative. 2-(4-allyl-3-hydroxy-5-methyl-2-coumarinyl)-3-allyl-4-hydroxy-3-coumarin-3-oxo-2-oxetane. 1,1'-Biphenyl-4,4'-dichloride.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513820016-5"

FUCIK, KAREL

Esters of 3-chromonyl(4-hydroxy-3-(esmarinyl)acetic acid.  
Karel Fucik. Czech. 65,563, Apr. 16, 1960. Treating a  
suspension of 11 g. lactone of  $\alpha$ -hydroxy-3-coumarinyl- $\beta$ -  
valeric propionic acid in  $\text{HCO}_2\text{Me}$  with 3.5 g. Na wire at  
0-5° gives the Esters of the title compd., m 177°. Similarly  
are prep'd. Me, Et, Pr, iso-Pr, Bu, and iso-Bu esters  
L J Urbancik

FUCIK, Karel

3,3-Diexo-1,2-diphenyl-4-alkylpyrazolidines. Karel Fučík  
and Stanislav Kolářík. Czech. 65,634, June 19, 1970.  
To a mixt. of 160 g. Et malonate, 137 g. DuBr. 184 g  
PhNHNHPn, and 0.5 g. NaI is added during 3 hrs. under  
stirring and heating to 70° a soln. of EtO<sup>3</sup>Na (from 40 g  
Na). EtOH distd., and the residue dissolved in H<sub>2</sub>O and  
acidified to pH 3 to ppt. 3,3-diceto-1,2-diphenyl-4-butylpyra-  
zolidine, m. 104-0°. L. J. Urbánek

FUCÍK, KAREL

2-Coumarin derivatives with anticoagulant activity. Karel  
Fučík and Miloslav Holický. Czech. 85,654, June 15, 1955.  
Addition of 10.3 g. Na wire to a suspension of 35 g. 3-(2-  
salicylyl-1-methylethyl)-4-hydroxycoumarin at 0-5° gives  
1-(3-chromonyl)-1-(4-hydroxy-3-coumarinyl)ethane, m. 179.5°.  
Similarly is obtained 1-(3-chromonyl)-1-(4-hydroxy-3-couma-  
rinyl)propane, m. 148°, from 3-(2-salicylyl-1-ethylethyl)-  
4-hydroxycoumarin and 1-(3-chromonyl)-1-(4-hydroxy-3-  
coumarinyl)butane, m. 150°. L. J. Uhlířská

Clear

Fucik, K.

Coumarin derivatives with anticoagulant activity. Karel Fucik and Milos Hoftický, Czech. 85,734, Aug. 16, 1958. *clm*

1-Alkoxy-2-(4-hydroxy-3-coumarinyl)-3-salicylylpropanes cyclize on treatment with Na in  $\text{HCO}_2\text{Me}$  to 1-(3-chromonyl)-1-(4-hydroxy-3-coumarinyl)-2-alkoxyethanes. 1-Methoxy-3-(4-hydroxy-3-coumarinyl)-3-salicylylpropane (38.1 g.) suspended in  $\text{HCO}_2\text{Me}$  yields with 10.3 g. Na at 0-5° 21.05 g. 1-(Chromonyl)-1-(4-hydroxy-3-coumarinyl)-2-methoxyethane, m. 144°. L. J. Urbánek

*Fačík, Karel*

Distr: 4E3d

*✓3,3'-Alkylenbis(4-hydroxycoumarin). Karel Fačík  
Czech. 25,918, Sept. 16, 1963. Depolymerizing the alkyl-  
hyde-trimer with the condensation component 4-hydroxy-  
coumarin (I) under simultaneous condensation of the result-  
ing aldehyde-monomer with the depolymerization com-  
ponent gives compounds with high anticoagulant activity in  
high yields. Dissolving 16.2 g. I in 100 ml. hot 50% EtOH  
and adding 4.4 g. paraaldehyde in the course of 30 min  
and refluxing the mixt. 2 hrs. gave cryst. 3,3'-Alkylenbis  
(4-hydroxycoumarin) (II) which was sept. while hot in  
178°. Adding to the mother liquor, an other 16.2 g. I and  
repeating the procedure gave 60.5% II*

*2  
11/1*

*FM*

## FÜLK KAREL

3

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513820016-5"

BUCIK, M.

Relation of Pavlov's theory to internal medicine. Cas. lek. cesk.  
89 no. 51:1437-1440 21 Dec 50. (CIML 20:4)

1. Of the Fourth Internal Clinic of Prof. Prusik.

FUCIK, M.

Respectives of research in the field of peptic ulcer. Sborn. pathofysiol. trav. vyz. 6 no. 1-2:29-30 July 1952. (CLML 22:4)

1. Assistant at the Fourth Internal Clinic (Head--Prof. B. Prusik, M. D.) of Charles University in Prague.

FUCIK, M.

Pavlovian concept in examination and therapy of gastrointestinal diseases. Sborn. patofysiol. trav. vyz. 6 no. 4-6:237-245 Dec 1952. (CIML 24:1)

1. Assistant at the Fourth Internal Clinic (Head--Prof. B. Prusik, M.D.), Prague.

FUCIK, M.; GREGOR, O.; SOUKUPOVA, K.

Prothrombin level in peptic ulcer. Sborn. patofysiol. trav. vyz.  
6 no. 4-6:283-286 Dec 1952. (CIML 24:1)

1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M.D.) of  
Charles University, Prague.

FUCIK, M.

~~Personal experiences in the sleep therapy of ulcer disease. Prakt. lek., Praha 33 no.11:239-241 5 June 1953.~~ (CML 25:1)

1. Of the Fourth Internal Clinic of Charles University.

FUCIK, Mojmir

FUCIK, Mojmir, Doc. Dr

Sleep therapy of peptic ulcer. Sborn. pathofysiol. trav. vyn.  
8 no.2:106-110 My '54.

1. Ze IV. interni kliniky. Prednosta prof. Dr B. Prusik.  
(PEPTIC ULCER, therapy,  
\*sleep ther.)  
(SLEEP, therapeutic use,  
\*peptic ulcer)

FUCIK, M., Doc. Dr.; SKOREPA, J., As., Dr.

Difficulties in diagnosis of cancer of the pancreas. Cas. lek.  
cek. 94 no.1-2:19-22 7 Jan 55.

1. Ze IV. interni kliniky prof. Dr. B. Prusika  
(PANCREAS, neoplasms  
diag. difficulties)

FUCIK, Mojmir; CENIAK, Ladislav; JABLONSKA, Marketa, Technicka snoluprace:  
~~VacInv~~ Richter a Jaromira Polanaecka.

Leukocytic reaction during investigation with the Bykow-Kurcin tube.  
Sborn. lek. 60 no.2:60-67 Feb 58.

1. IV. Interni klinika fakulty všeobecného lekarství univerzity Karlovy  
v Praze, prednosta prof. Dr. Bohumil Prusík. M. F., IV. interni klinika,  
U nemoocnice 2, Praha 2.

(LEUKOCYTE COUNT, physiology  
eff. of gastric intubation (Cz))

(STOMACH, physiology  
eff. of gastric intubation on leukocyte count (Cz))

FUCIK, Mojmir, CERMAY, Ladislava; JABLONSKA, Marketa, Technicka spoluprace:  
Vaclav Richter a Jaromira Polanecka.

The influence of intercaine on the leukocyte reaction during investigation with the Bykow-Kurcin tube. Sborn. lek. 60 no.2:68-72 Feb 58.

IV. interni klinika fakulty vseobecneho lekarstvi university Karlovy v Praze, prednosta prof. Dr Bohumil Prusik. Doc. Dr M. F. IV interni klinika, U nemocnice 2, Praha 2.

(LEUKOCYTE COUNT, physiology  
eff. of gastric intubation & influence of tetracaine admin. (Cz))

(STOMACH, physiology  
eff. of gastric intubation on leukocyte count, influence of tetracaine admin. (Cz))

(ANESTHETICS, LOCAL, effects.  
tetracaine on leukocyte count reaction to gastric intubation (Cz))

FUCIK, M.; CERVENY, O.

Leukemia & gastric secretion. I. Cas. lek. cesk. 97 no. 40:1259-1264  
3 Oct 58.

1. IV. interni klinika KU v Praze, prednosta prof. Dr. B. Prustik.  
(LEUKEMIA, LYMPHATIC, compl.  
histamine-resist. achylia (Pol))  
(LEUKEMIA, MYELOCYTIC, compl.  
same)  
(GASTRIC JUICE  
histamine-resist. achylia in lymphatic & myelocytic leukemia  
(Pol))  
(HISTAMINE, eff.  
same)

CERVENY, O.; FUCIK, M.; HONSKY, R.; SKAIA, I.

Leukemia & gastric secretion. II. Blood pepsinogen level & uropepsin excretion in leukemia. Cas. lek. cesk. 97 no.43:1354-1357 24 Oct 58.

(LEUKEMIA, metab.

blood pepsinogen & urinary uropepsin (Cz))

(PEPSINOGEN, in blood

in leukemia (Cz))

(UROPEPSIN, in urine

same)

## EXCERPTA MEDICA Sec 6 Vol 13/11 Internal Med. Nov 59

6400. VALUE OF PEPSIN ACTIVITY DETERMINATIONS FOR THE DIAGNOSIS OF PEPTIC ULCERATION - Význam určování peptinové aktivity pro stanovení diagnózy vředové nemoci - Fučík M., Rotáček R. and Skála I. Intern. Klin., Fak. Všeobecného Lék., Univ. Karlova, Praha - SBORN. LÉK. 1959, 61/1 (1-8) Graphs 2

In 80 patients with duodenal ulcer evidence was found of a statistically significant rise of acidity, an increased volume of secretion and higher peptin activity as compared with a control group. The average values in 31 patients with gastric ulcer did not differ significantly from controls. The average values of serum pepsinogen, estimated by the polarographic method described by Janoušek, in 45 patients with duodenal ulcer were markedly elevated as compared with the controls ( $t = 5.3$ ;  $p < 0.001$ ). The difference between the average amounts of excreted ureopepsin in the controls and the duodenal ulcer patients was also statistically significant ( $t = 5.2$ ;  $p < 0.001$ ). No significant difference between serum and urine pepsin activities in patients with gastric ulcer and in controls was found. The diagnostic significance of pepsin activity in peptic ulcers is discussed, and it is stated that it is useful to investigate the basal secretion and to assess the amount of juice secreted. (II, 6, 9)

FUCIK, M.; PRAZAK, J.

Severe hemorrhage from duodenal ulcer. Cas.lek.cesk. 98 no.49/50:  
1532-1537 4 D '59.

1. IV. interni klinika fakulty všeobecného lekarství v Praze,  
prednosta prof.dr. Mojmír Fucík.  
(PEPTIC ULCER HEMORRHAGE)

FUCIK, MOJMIR

SURNAME (in caps); Given Name(s)

Country: Czechoslovakia

(b)

Academic Degrees:

Affiliation:

Brno, Vnitri Lekarstvi, Vol VII, No 8, August 1961,

Source: pp 849-855

Date: "Obesity and the Digestive System"

Authors:

FUCIK, Mojmir, Prof MUDr; Chief (Prednosta), Internal Clinic IV of  
Charles University (IV. vnitri klinika KU);  
HENFORT, Karol, Prof MUDr, Chief (Prednosta), Internal Department  
of the Faculty Polyvalinic (Vnitri oddeleni fakultni polikliniky)  
JABLONSKA, M; MUDr; [affiliation not given]

122

FUCIK, M. (Prof. MD)

SCUKOVÁ, Květa  
SURNAME, Given Name

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Fourth Internal Clinic of the Faculty of General Medicine, KU  
/Karlová Universita/ (IV. interni klinika fakulty všeobecného  
lékařství KU), Prague; Director: Prof M. FUCIK, MD.

Source: Prague, Praktický Lákař, Vol 41, No 14, 1961, pp 641-642.

Data: "Relationship Between Fats in Food and Human Atherosclerosis."

(R)

100

GPO 981643

FUCIK, M.

70th anniversary of Prof. Bohumil Prusik. Cas.lek.cesk 100 no.22:66  
2 Je '61.

(BIOGRAPHIES)

FUCIK, M.; KRYSPIN, J.; SLABY, A.

Changes in electrical conductivity of the skin in gastrointestinal diseases with dermal pain projection. Cas.lek.cesk 100 no.22:667-670 2 Je '61.

1. IV. interni klinika KU v Praze, prednosta prof. dr. M. Fucik,  
Laborator plastické chirurgie CSAV, prednosta akademik F. Burian.

(GASTROENTEROLOGY physiol) (SKIN physiol)

FUCIK, Mojmir; KOHOUT, Jiri; JABLONSKA, M.

Treatment of peptic ulcer with ataraxics. Cas.lek.cesk 100 no.22:  
689-692 2 Je '61.

1. IV. interni klinika KU v Praze, prednosta prof. MUDr. M. Fucik.

(PEPTIC ULCER ther) (TRANQUILIZING AGENTS ther)

FUCIK, M.; BAZIKA, V.; NOVAK, S.; PRAZAK, J.; SKOREPA, J.

On the problem of bleeding from gastrointestinal diverticula. Cas.  
lek.cesk 100 no.22:692-695 2 Je '61.

1. IV. vnitri klinika KU v Praze, prednosta prof. MUDr. Mojmir Fucik.

(HEMORRHAGE GASTROINTESTINAL etiol)  
(DIVERTICULOSIS compl)

FUCIK, M.; JABLONSKA, M.

Contribution to the problem of cardiovascular reactions during the examination with Bykov-Kurtsein sound. Cas.lek.cesk 100 no.29/30:  
900-905 14 Jl '61.

1. IV. interni klinika KU v Praze, prednosta prof. MUDr. Mojmir Fucik,

(CATHETERIZATION) (GASTROINTESTINAL SYSTEM physiol)  
(VASOMOTOR SYSTEM physiol)

FUCIK, M.; BOLKOVA, technicka spoluprace RICHTER, V.

Proteins and amino acids in human gastric juice. Acta univ. carol  
[med.] Suppl. 14:125-136 '61.

1. IV. interni klinika fakulty vseobecneho lekarstvi University Karlovy  
v Praze, prednosta prof. dr. M. Fucik.  
(GASTRIC JUICE chem) (PROTEINS chem)  
(AMINO ACIDS chem)

FUCIK, M.; KOJECKY, Z.; JABLONSKA, M.; PRAZAK, J.

Modern diagnosis in gastroenterology. Cas.lek.cesk 101 no.2:8-12  
5 Ja '62.

1. IV interni klinika KU v Praze, prednosta prof. MUDr. M. Fucik.

(GASTROENTEROLOGY diag)

BOLKOVA, A.; FUCIK, M.; RONSKY, R.; Technicka spoluprace: SLAISOVA, I.

Evaluation of the McDonald method of determining serum lipase activity. Cas. lek. cesk. 103 no.32:889-890 Ag 7 '64.

1. Vedeckovyzkumne pracoviste gastroenterologicke a IV interni klinika fakulty všeobecného lekarství Karlovy University v Praze (prednosta prof. dr. M. Fucik).

## Physiology

CZECHOSLOVAKIA UDC 616.33-002.44-092.9:615.361.43(612.015.36)-092.

.22

KORBOVA, L.; POKORNÝ, Z.; KOHOUT, J.; PROCHAZKOVA, M.; Institute of Pathological Physiology, Fac. of Gen. Medicine Charles Univ. (Ustav Patologicky Fyziologie Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof. Dr. T. TRAVNICEK; 4th Internal Clinic, Fac. of Gen. Med. Charles University (IV. Int. Klinika Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof. Dr. M. FUCIK.

"Effect of Superanabolon R Spofa (Nandrolonphenylpropionate) on the Development of Experimental Gastric Lesions."

Prague, Casopis Lekaru Ceskych, Vol 105, No 49-50, 9 Dec 66, pp 1349 - 1352

Abstract [Authors' English summary modified]: Administration of 0.5, 5, 25, and 50 mg/kg of body weight of rats was investigated. In animals that received superanabolon 24 hours before or on the day of the experiment reduction of the size of the gastric lesion was observed. Only in the doses equal to or exceeding 25 mg was there an adverse effect and the lesion was affected adversely. When the administration was made for 6 consecutive days, a dose of 5 mg/kg/day had an adverse effect. 2 Figures, 1 Table, 1/1 8 Western, 8 Czech, 1 Russian reference.

25(5)

AUTHORS/L

Fucik, Przemysl, Juffy, Edward, A.  
Czechoslovakian Welding Equipment

TITLE:

PERIODICAL:

ABSTRACT:

Przeglad Spawalnictwa, 1959, Nr 9, pp 253 - 260 (POL)

The article describes briefly Czech welding equipment exhibited in May 1959 in the Warsaw Technical College (Photographs 1 and 2). In the introduction, outstanding products for export or domestic use, e.g. 12,000-t hydraulic forge presses, 62.5 Mw hydrogen cooled turbo-generators, 2,600 kw electric locomotives with 140 km/h top speed, 1,000 m<sup>3</sup>/h excavators, 130 atm - 500°C steam boilers and turbines, 12 m diameter horizontal lathes and 230 m<sup>3</sup>/h dredges are mentioned. In Table 1, export figures of passenger automobiles, trucks, tractors, motorcycles, bicycles and machine tools for 1948, 1957 and 1958 are given. They were announced at a press conference held in the Czech Embassy on May 25, 1959. Technical data of welding held in the Czech Republic are given in Table 2. The detachable control casing of the "Triodyn K-320" rotary welding converter (Photograph 3) permits current remote control. The "SUM-1000" welding machine (Photograph 4) weighs only 43 kg. An "RSK 300" for welding of steam boiler jets is shown in

Czechoslovakian Welding Equipment

POL/36-59-9-7/11

Photograph 5, a finished weld and the cross section of one subjected to a tensile test in Photographs 6 and 7. A small welding machine especially suited for corner joints is shown in Photograph 8. The chemical composition of filler rod used for welding with flux is given in Table 3 and that of the "Z41" type flux, used in about 90% of all cases in Table 4. The prototype of an electroslag welding machine is shown in Photograph 9. "TAK-1" and "TAK-3" type machines for welding wires are shown in Photographs 10 - 13 and their technical data are given in Table 5. A "TAU-40" type spot welding machine is shown in Photograph 14 and technical data of this and the "TAU-80" type are given in Table 6. Instead of the usual hydraulic system, the torque of two electric motors controlled by a selenium cell is used to compress the sheets up to 1.5 mm is shown in Photograph 15. A "VUS-250" type contact welding machine is shown in Photograph 16 and examples of work performed by it in Photographs 17 and 18. The "RS 1" type universal oxygen

Card 2/3

Czechoslovakian Welding Equipment

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cutting machine and the "TKS 180" type rail cutting machine are shown in Photographs 19 and 20. The functional principle of a 6-piece set designed for various cuts on steel pipes is shown in Graph 21. A "RS 32" type copying cutting machine with magnetic guidance is shown in Photograph 22.

There are: 21 photographs, 1 set of diagrams and 6 tables.

Card 3/3

FUCIKA, A; VAREKA, J.

Earlier fishing methods in the Roudnice region. p. 197.

CESKY LID, (Ceskoslovenska akademie ved. Ustav pro ethnografii a folkloristiku)  
Praha, Czechoslovakia

Vol. 46, no. 5, 1959

Monthly list of East European Accessions (EEAI) LC. Col. 9, No. 1. January 1960  
Encl.

POLAND

FUCIK, Zbigniew, Lek wot., PZLZ [Powiatowy Zaklad Leczenia Zwierzat, Powiat Animal Hospital] in Porabka

"Complications Following Caesarian Section in a Cow."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 3, Mar 63,  
p 164.

Abstract: Author describes in detail his successful treatment of a caesarian section in a cow, where upon the cow's return to its owner, the incision re-opened and the intestines and part of the rumen came out. There are no references.

1/1

FUCIK, V.; CIHAK, A.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820016-5"

Reversion of the antimitotic effect of N-formimidure by

ureidosuccinic acid and uracil in Allium cepa L.

Biologia plantarum 6 no. 2:117-121 '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak  
Academy of Sciences, Prague 6, Na cvicisti 2.

FUCIK, V.; KARA, J.

Enzymatic synthesis of 5-bromo-2'-deoxyuridine-2-<sup>14</sup>C and  
of 5-iodo-2'-deoxyuridine-2-<sup>14</sup>C and their incorporation  
into deoxyribonucleic acid (*Allium cepa*). *Biologia  
plantarum* 6 no. 3:232-235 '64.

1. Institute of Organic Chemistry and Biochemistry,  
Czechoslovak Academy of Sciences, Prague 6 - Dejvice, Na  
cvicisti 2 (for Fucik). 2. Institute of Experimental  
Biology and Genetics, Prague 6 - Dejvice, Na Cvicisti 2  
(for Kara).

FUCIK, V.; SORMOVA, Z.; SORM, F.

The effect of 5-azacytidine on the root meristem of Ficaria  
faba. Biologia plantarum 7 no.1:58-64 '65.

1. Institute of Organic Chemistry and Biochemistry of the  
Czechoslovak Academy of Sciences, Prague 6-Dejvice, Flemingovo  
nam. 2. Submitted July 8, 1964.

(5) T  
CZECHOSLOVAKIA

RASKA, Jr. K; JUROVCIK, M; FUCIK, V; TYKVA, R; SORMOVA, Z; SORM, P.

Institute of Organic Chemistry and Biochemistry,  
Czechoslovak Academy of Sciences, Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications,  
No 7, July 1966, pp 2809-2815

"Metabolic effects of 5-azacytidine in isolated nuclei  
of calf-thymus cells."

ABRUDAN, V., ing.; CIOBANU, M., ing.; PETRESCU, Gh., ing.; VILVOI, V.; IONESCU, C., ing.; KESTENBAUM, S.; FORRAI, St., ing.; FUCIU, ~~Martian~~; NILA, Vasile, ing.; AROMINESEI, Alexandru; MORARU, Nicolae, ing.; BOGHICI, A.; SIMIONESCU, M.

Reduction of specific consumptions of metal. Probleme econ 17 no.12:137-141 D '64.

1. Technical Director, Arad Plant of Railroad Cars (for Abrudan). 2. Chief Technologist, Arad Plant of Railroad Cars (for Ciobanu). 3. Technical Director, "1 Mai" Plant, Ploiesti (for Petrescu). 4. Chief Planning Engineer, "1 Mai" Plant, Ploiesti (for Vilvoi). 5. Director, "Infratirea" Machine Tool Plant, Oradea (for Ionescu). 6. Assistant Chief Engineer, "Infratirea" Machine Tool Plant, Oradea (for Kestenbaum). 7. Chief Technologist, "Infratirea" Machine Tool Plant, Oradea (for Forrai). 8. Director, Arad Plant of Lathes (for Fuciu). 9. Chief Technologist, Arad Plant of Lathes (for Nila). 10. Chief Engineer, Arad Plant of Lathes (for Arominesei). 11. Technical Director, "Independenta" Plant, Sibiu (for Moraru). 12. Director, Sinaia Mechanical Plant (for Boghici). 13. Chief Engineer, Sinaia Mechanical Plant (for Simionescu).

FUCK, Jeno

We are creating such an atmosphere in which backwardness will have neither justification nor opportunity. Ujít lap 13 no. 24:7-8 D '61.

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1. Z II Kliniki Pediatricznej PAM w Szczecinie Kierownik Kliniki:  
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1. Z II Kliniki Pediatricznej Pomorskiej Akademii Medycznej  
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(TUBERCULOSIS IN CHILDHOOD)

(TUBERCULOSIS, PULMONARY)

(LUNG DISEASES) (BRONCHITIS)

POLAND/General and Special Zoology. Insects.  
Morphology.

P

Ref Zhur-Biol., No 20, 1958, 92052

Author : Fudalewicz-Niemczyk, Wladyslawa  
Inst : -  
Title : The Innervation and Sense Organs in the  
Wings of the Grasshopper *Locusta cantans*  
Füssl.

Orig Pub : Polskie pismo entomol., 1955 (1956), 25,  
No 1, 127-160

Abstract : The abundance of nerve endings in the fore-wing (FW) and a smaller number of them in the hindwings (HW) depends upon the degree of sclerotization which is much higher in the FW than in the HW. The weak development

Card : 1/3

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820016-5"  
POLAND/General and Special Zoology. Insects. P  
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Abs Jour : Ref Zhur-Biol., No 20, 1958, 92052

of the costal nerve (N) in the HW is compensated by a strong development of the subcostal N. A separate medial N is absent in both wings. The medial vein and its branches are innervated by the transverse medial N's which branch off the radial N in the FW and from the sectorial in the HW. The sharp variation in the cubital N is related to the vibrating area and the absence of this N in the HW.

There is a stridulating N in the FW and also one or two anal N. The right and the left wings are different as regards the innerva-

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POLAND/Chemical Technology - Chemical Products and Their  
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H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37967

Author : Fudalj, T.

Inst :

Title : Fundamentals of Chemical Purification Process in Milk  
Industry. Washing Agents.

Orig Pub : Przeg. Mleczarski, 1956, No 12, 15-16.

Abstract : Presented are general properties of substances used for  
cleaning of equipment and apparatus in the milk industry.  
These substances are: caustic soda, silicates, Na-phos-  
phate, Na-pyrophosphate etc.

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Author : Fudalj, T.

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Title : Margarine

Orig Pub: Przeglad Mleczarski, 5, No 8-9, 39-40 (1957)  
(in Polish)

Abstract: A review article.

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Wazechswiat no.5:118-125 My '62.